

*Sub C1*

1. (Currently Amended) A graphical user interface for displaying  
2 a menu on a display screen on the basis of a predefined manipulation of an input device,  
3 comprising:  
4 input device monitoring means for monitoring at least one of a location and  
5 an actuation state of the input device; [and]  
6 cursor display control means for displaying a cursor based on the location  
7 of the input device; and  
8 menu display control means for displaying a selected menu of a plurality of  
9 menus at a same location as the cursor on the basis of at least one of:  
10 a number of consecutive actuations of the same input device in a  
11 predetermined time interval; and  
12 a duration time of an actuation of the same input device.

1 2. (Currently Amended) A graphical user interface for displaying  
2 a menu on the display screen on the basis of a predefined manipulation of an input  
3 device, comprising:  
4 menu item management means for selecting and arranging items displayed  
5 in each one of a plurality of menus;  
6 receiving means for receiving an event alert message responsive to a  
7 predefined manipulation of an input device; [and]

8                   cursor display control means for displaying a cursor based on the location  
9   of the input device; and

10                menu display control means for displaying a selected said menu at a same  
11   location as said cursor on the basis of a predefined number of event alert messages  
12   received within a predetermined time interval, said display control means including at  
13   least one of an event alert counter and an event alert timer, said event alert counter  
14   counting a number of event alert messages received and said event alert timer timing a  
15   duration time of an actuation of the same input device.

*bx*  
*cl*

1                3. (Original) A graphical user interface according to claim 2,  
2   wherein a cursor location parameter IParam, corresponding to a position of the input  
3   device, is transmitted with each said event alert message,  
4                said display control means verifying whether a difference between a first  
5   IParam, corresponding to the location of the cursor when a first event alert message is  
6   generated, is within a predefined distance D of a second IParam corresponding to the  
7   location of the cursor when a second event alert message is generated;  
8                wherein said event alert counter and said event alert timer are reset to zero  
9   and said first and second event alert messages are not considered related events if said  
10   difference exceeds said predefined distance D.

1                   4. (Currently Amended)     A graphical user interface for displaying

2     a menu on a display screen and positioning a cursor on a particular portion of the menu

3     on the basis of a predefined manipulation of an input device, the menu including a

4     plurality of menu elements or commands which are grouped in a predefined manner, said

5     graphical user interface comprising:

6                   input device monitoring means for monitoring at least one of a location and

7     an actuation state of the input device; [and]

8                   cursor display control means for displaying a cursor based on the location

9     of the input device; and

10                  menu display control means for displaying the menu at a same location as

11     said cursor in response to a first actuation of the input device, the menu being divided

12     into a predetermined number of regions, each said region corresponding to a particular

13     group of menu elements;

14                  wherein said display control means positions the cursor on a selected said

15     region of the menu on the basis of at least one of:

16                  a number of consecutive actuations of a same input device in a

17     predetermined time interval; and

18                  a duration time of an actuation of the same input device.

1                   5. (Original) A graphical user interface according to claim 4,  
2 wherein:

3                   said input device monitoring means receives predefined event alert  
4 messages in response to a predefined manipulation of an input device; and

*B1.* 5                   said display control means positions the cursor on a selected said region of  
6 the menu on the basis of a predefined number of event alert messages received within a  
7 predetermined time interval.

1                   6. (Original) A graphical user interface according to claim 5,  
2 wherein a cursor location parameter IParam, corresponding to a position of the input  
3 device, is transmitted with each said event alert message,

4                   said display control means includes at least one of an event alert counter  
5 and an event alert timer, said event alert counter counting a number of event alert  
6 messages received, and said event alert counter timing a duration time of an actuation of  
7 the input device,

8                   said display control means verifying whether a difference between a first  
9 IParam, corresponding to the location of the cursor when a first event alert message is  
10 generated, is within a predefined distance D of a second IParam corresponding to the  
11 location of the cursor when a second event alert message is generated;

12 wherein said event alert counter and said event alert timer are reset to zero and  
13 said first and second event alert messages are not considered related events if said  
14 difference exceeds said predefined distance D.

1 7. (Currently Amended) A computer system for displaying a  
2 selected menu on a display screen on the basis of manipulation of an input device,  
3 comprising:

4 receiving means for receiving an event alert message from an operating  
5 system, said event alert message alerting the occurrence of a particular manipulation of a  
6 same input device; [and]

7 cursor display control means for displaying a cursor based on the location  
8 of the input device; and

9 menu display control means for displaying a selected said menu at a same  
10 location as said cursor on the basis of one of:

11 a duration time of said particular manipulation calculated as a time  
12 difference between receipt of a first event alert message and receipt of a second event  
13 alert message; and

14 a number of event alert messages received in a predetermined time interval.

1           8. (Original) A computer system according to claim 7, further comprising  
2 menu item management means for selecting and arranging items displayed in each one of  
3 a plurality of menus.

1           9. (Original) A computer system according to claim 7, wherein a  
2 cursor location parameter IParam is transmitted with each of said first and second event  
3 alert messages, said cursor location parameter IParam including coordinates of a cursor  
4 during generation of an event alert message;

5           said display control means includes at least one of an event alert counter  
6 and an event alert timer, said event alert counter counting a number of event alert  
7 messages received, and said event alert counter timing a duration time of an actuation of  
8 the input device;

9           said display control means verifying whether a difference between a first  
10 IParam, corresponding to the location of the cursor when said first event alert message is  
11 generated, is within a predefined distance D of a second IParam corresponding to the  
12 location of the cursor when said second event alert message is generated;

13           wherein said event alert counter and said event alert timer are reset to zero  
14 and said first and second event alert messages are not considered related events if said  
15 difference exceeds said predefined distance D.

1                   10. (Currently Amended) A computer readable storage medium  
2   storing a computer program for displaying a menu on the display screen of computer on  
3   the basis of manipulation of a same input device, comprising:

4                   program code means responsive to an event alert message from an  
5   operating system of a computer upon a particular manipulation of an input device; [and]

*B1*                   6                   cursor display control means for displaying a cursor on the display screen  
7                   based on the location of the input device; and

8                   program code means for displaying a selected menu at a same location on  
9   the display screen as said cursor on the basis of one of:

10                   the number of event alert message received within a predetermined time  
11   interval; and

12                   a duration time corresponding to an actuation of said input device  
13   calculated as a difference between receipt of a first event alert message and receipt of a  
14   second event alert message.

1                   11. (Original) A computer readable storage medium according to  
2   claim 10, wherein said computer program further comprises menu item management  
3   means for selecting and arranging items displayed in each one of a plurality of menus.

1                   12. (Original) A computer readable storage medium according to  
2 claim 10, wherein a cursor location parameter IParam is transmitted with each of said  
3 first and second event alert messages, said location parameter IParam includes  
4 coordinates of a cursor corresponding to a position of the input device;

5                   said display control means includes at least one of an event alert counter  
6 and an event alert timer, said event alert counter counting a number of event alert  
7 messages received, and said event alert counter timing a duration time of an actuation of  
8 the input device;

9                   said display control means verifying whether a difference between a first  
10 IParam, corresponding to the location of the cursor when said first event alert message is  
11 generated, is within a predefined distance D of a second IParam corresponding to the  
12 location of the cursor when said second event alert message is generated;

13                   wherein said event alert counter and said event alert timer are reset to zero  
14 and said first and second event alert messages are not considered related events if said  
15 difference exceeds said predefined distance D.